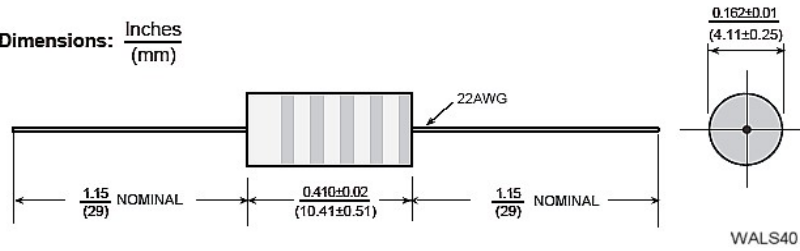




Axial Leaded Shielded Inductor WALS40



Dimensions: Inches
(mm)



Part Number	Inductance uH	Tolerance %	Q min	Test Freq MHz	SRF min MHz	DCR max ohms	IDC mA	Incr. Current
WALS40-R10K-LF	0.1	10	50	25	250	0.025	1790	1790
WALS40-R12K-LF	0.12	10	51	25	250	0.034	1530	1530
WALS40-R15K-LF	0.15	10	51	25	250	0.037	1470	1470
WALS40-R18K-LF	0.18	10	50	25	250	0.047	1300	1300
WALS40-R22K-LF	0.22	10	49	25	250	0.067	1100	1100
WALS40-R27K-LF	0.27	10	47	25	250	0.11	855	855
WALS40-R33K-LF	0.33	10	46	25	250	0.13	780	780
WALS40-R39K-LF	0.39	10	44	25	250	0.18	670	670
WALS40-R47K-LF	0.47	10	44	25	235	0.25	565	565
WALS40-R56K-LF	0.56	10	43	25	210	0.33	490	490
WALS40-R68K-LF	0.68	10	42	25	190	0.45	420	420
WALS40-R82K-LF	0.82	10	40	25	180	0.59	370	370
WALS40-1R0K-LF	1	10	44	25	140	0.07	1070	1070
WALS40-1R2K-LF	1.2	10	44	7.9	130	0.1	895	895
WALS40-1R5K-LF	1.5	10	44	7.9	115	0.12	815	815
WALS40-1R8K-LF	1.8	10	44	7.9	105	0.14	775	775
WALS40-2R2K-LF	2.2	10	44	7.9	100	0.19	650	650
WALS40-2R7K-LF	2.7	10	44	7.9	92	0.28	535	535
WALS40-3R3K-LF	3.3	10	44	7.9	85	0.35	480	480
WALS40-3R9K-LF	3.9	10	44	7.9	75	0.4	450	450
WALS40-4R7K-LF	4.7	10	44	7.9	70	0.55	380	380
WALS40-5R6K-LF	5.6	10	44	7.9	65	0.72	335	335
WALS40-6R8K-LF	6.8	10	50	7.9	55	1.02	280	280
WALS40-8R2K-LF	8.2	10	50	7.9	50	1.32	250	250
WALS40-100K-LF	10	10	50	7.9	46	1.62	220	220
WALS40-120K-LF	12	10	55	2.5	44	2	200	200
WALS40-150K-LF	15	10	45	2.5	49	0.8	315	250
WALS40-180K-LF	18	10	45	2.5	45	0.89	300	235
WALS40-220K-LF	22	10	45	2.5	41	0.96	290	220
WALS40-270K-LF	27	10	45	2.5	38	1.19	260	200
WALS40-330K-LF	33	10	45	2.5	34	1.37	240	190
WALS40-390K-LF	39	10	50	2.5	29	1.93	205	180
WALS40-470K-LF	47	10	50	2.5	27	2.11	195	175
WALS40-560K-LF	56	10	40	2.5	25	2.23	190	160
WALS40-680K-LF	68	10	50	2.5	21	2.7	170	150
WALS40-820K-LF	82	10	50	2.5	10.5	2.44	180	140
WALS40-101K-LF	100	10	50	2.5	10	3.12	160	120
WALS40-121K-LF	120	10	55	0.79	9.7	3.6	150	95
WALS40-151K-LF	150	10	55	0.79	8.5	4.1	140	90
WALS40-181K-LF	180	10	55	0.79	8	4.4	135	85
WALS40-221K-LF	220	10	55	0.79	7.5	5	125	80
WALS40-271K-LF	270	10	55	0.79	7	5.8	115	70
WALS40-331K-LF	330	10	55	0.79	6.5	6.4	110	65
WALS40-391K-LF	390	10	60	0.79	6.2	7.4	105	60
WALS40-471K-LF	470	10	60	0.79	5.7	9.5	92	58
WALS40-561K-LF	560	10	60	0.79	4.7	10.5	90	55
WALS40-681K-LF	680	10	60	0.79	4.5	11.8	80	50
WALS40-821K-LF	820	10	57	0.79	4.2	13	80	45
WALS40-102K-LF	1000	10	65	0.79	3.8	17.5	70	40
WALS40-122K-LF	1200	10	45	0.25	1.5	22.1	60	35
WALS40-152K-LF	1500	10	45	0.25	1.2	26.5	55	33
WALS40-182K-LF	1800	10	45	0.25	1	29.9	50	30
WALS40-222K-LF	2200	10	45	0.25	0.97	33.8	50	27
WALS40-272K-LF	2700	10	45	0.25	0.92	47.3	40	25
WALS40-332K-LF	3300	10	45	0.25	0.84	53	40	22
WALS40-392K-LF	3900	10	45	0.25	0.8	73.8	35	20
WALS40-472K-LF	4700	10	45	0.25	0.74	81.6	31	19
WALS40-562K-LF	5600	10	44	0.25	0.73	98.9	28	17
WALS40-682K-LF	6800	10	40	0.25	0.66	111	27	16
WALS40-822K-LF	8200	10	40	0.25	0.54	119	26	15
WALS40-103K-LF	10000	10	40	0.25	0.47	137	24	14
WALS40-123K-LF	12000	10	30	0.079	0.33	143	23	13
WALS40-153K-LF	15000	10	30	0.079	0.29	157	22	12
WALS40-183K-LF	18000	10	30	0.079	0.28	175	21	10
WALS40-223K-LF	22000	10	27	0.079	0.25	274	17	9
WALS40-273K-LF	27000	10	27	0.079	0.21	308	16	8
WALS40-333K-LF	33000	10	27	0.079	0.19	343	15	7.5
WALS40-393K-LF	39000	10	27	0.079	0.17	376	15	6
WALS40-473K-LF	47000	10	23	0.079	0.16	473	13	5.5
WALS40-563K-LF	56000	10	23	0.079	0.14	512	13	5
WALS40-683K-LF	68000	10	23	0.079	0.13	580	12	4
WALS40-823K-LF	82000	10	21	0.079	0.12	618	11	3.5

Electrical
Inductance Range: 0.1uh to 100,000uh
Tolerance: 10% over entire range.
Shielding: < 5% coupling with 2 inductors side by side at 1KHz.
Rated Current: Inductance will drop < 10% at rated current.
Dielectric Withstanding Voltage: 1000VAC per MIL-STD-202, method 301
Operating Temp.: -55 C to +125 C.

Physical
Marking: 5 Band Color Code per MIL-C-15305.
Packaging (bulk): 500 pieces per bag.
Packaging (reel): 3000 pieces per reel.
 For Tape and Reel packaging please add "-TR" to the part number.